

ABSTRACT

A metal plating structure, characterized in that it comprises a metal plating film and, incorporated therein, a fine carbon fiber of a derivative thereof, wherein the fine carbon fiber represents a carbon fiber having a diameter of approximately 200 nm or less and an aspect ratio of approximately 10 or more; the metal plating structure, which further comprises a resin material incorporated therein; and a method for producing the metal plating structure. Examples of the derivative include substances prepared by subjecting the fine carbon fiber to various chemical modifications and by fluorinating the fine carbon fiber. The metal plating structure can be suitably used for incorporating a fine carbon fiber of a derivative thereof into a metal at an ordinary temperature.